# STIC — Search Report EIC 3600

| To: Mr. Jeffrey D. Carlson<br>Location: KNX 05 D79<br>Art Unit: 3622<br>Date: 10/14/2009<br>Case Serial Number: 09/855775 | From: Aaron Gitzen<br>Location: EIC3600<br>KNX 04 A70<br>Phone: (571) 272-3096<br>aaron.gitzen@uspto.gov |
|---|---|

## Search Notes

Dear Examiner Carlson:

Please find attached the results of your search for the above-referenced case. The search was conducted in Dialog.

References of interest are listed in the first part of the search results. Please scan through the remaining results for other possible references of interest.

If you have any questions about the search, or need a refocus, please do not hesitate to contact me.

Thank you for using the EIC, and we look forward to your next search!


Aaron Gitzen

# I. References of Interest

## A. Dialog

**Dialog eLink:** Order File History
16/3,K/31 (Item 31 from file: 350)
DIALOG(R)File 350: Derwent WPIX
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0010878545 *Drawing available*
WPI Acc no: 2001-498341/200155
XRPX Acc No: N2001-369362
**Network communication system for internet, transmits specified information from server to client when starting of chat is requested by selected user**
Patent Assignee: ISAO CORP (ISAO-N); ISAO KK (ISAO-N); ISO NETWORK ONLINE KK (ISON-N); OKAWA I (OKAW-I); SATO M (SATO-I); TAKAKURA T (TAKA-I); ISAO NETWORK ONLINE KK (ISAO-N)
Inventor: OGAWA I; OKAWA I; SATO M; TAKAKURA T; TAKALKURA T; ISAO O; TAKAKURA

Priority Applications (no., kind, date): JP 200029537 A 20000207

**Network communication system for internet, transmits specified information from server to client when starting of chat is requested by selected user Alerting Abstract** ...NOVELTY - The server has a **matching** unit for **selecting users** for participating in **chat** and transmitting information about **selected user** to **client**. A **chat** processor transmits specified information to client when request for starting of **chat** is issued by **selected user**. Each **client** has a display for displaying the region for **chat** based on received information. ... USE - **Network** communication system e.g. for **internet.Title Terms** /Index Terms/Additional Words: **NETWORK**;

**Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date **G06F-015/00... ...G06F-017/00** Main "Version 7" **G06F-0013/00... ...G06F-0015/00... ...G06F-0015/16... ...G06F-0017/00... ...G06F-0017/30... ...G06F-0003/14 G06F-0013/00... ...G06F-0015/00... ...G06F-0015/16... ...G06F-0017/00... ...G06F-0017/30... ...G06F-0003/14** Original Publication Data by AuthorityArgentina**Publication No. ...**

**Original Abstracts:**the invention carries through a communication by a client connected to a server through a **network**, and the server is provided with a matching part 13 for transmitting information relevant to... ... processing part 18 for when a chat is requested to start, transmitting information starting the **chat** to the **client** of the **selected user** and the **client** that has sent the request. According to the invention, the chat room can be forwardly... ... is intended to communicate by using client devices connected to the server device through the **network**. The server device comprises a matching unit which transmits the information about users as candidates... ... to the client devices, and a chat processing unit which transmits information for starting the **chat** to the **client devices** of the **selected users** and the **client device** making the request, when start of **chat** is requested... ... is intended to communicate by

using client devices connected to the server device through the **network**. The server device comprises a matching unit which transmits the information about users as candidates... ... to the client devices, and a chat processing unit which transmits information for starting the **chat** to the **client devices** of the **selected users** and the **client device** making the request, when start of **chat** is requested. ...**Claims:**A communication system, which makes use of several clients connected to a server through a **network** to make user of each said client carry through a communication each other, said server... ... CLAIM 2] A server, which is connected with several clients through a **network** and constitutes a communication system making user of each client carry through a communication each... ... A communication method, which makes use of several clients connected to a server through a **network** to make user of each said client carry through a communication each other, and an... ... communication system comprising a server device and a plurality of client devices connected through a **network** and allowing mutual communications among users of the client **devices**,the server **device** having,a **matching** unit which **selects** a candidate **user** for participant in a **chat** according to a specified standard, and transmits the information about this user to a client... ... chat processing unit which transmits specified information for starting a chat, when start of a **chat** is requested by specifying whole or part of **users selected** by the **user selecting** unit from one **client device**, to the client **device** of this specified user, and the one client device issuing this request, andeach of... ... communication system comprising a server device and a plurality of client devices connected through a **network** and allowing mutual communications among users of the client **devices**,the server **device** having,a **matching** unit which **selects** a candidate **user** for participant in a **chat** according to a specified standard, and transmits the information about this user to a client... ... chat processing unit which transmits specified information for starting a chat, when start of a **chat** is requested by specifying whole or part of **users selected** by the **user selecting** unit from one **client device**, to the client **device** of this specified user, and the one client device issuing this request, and each of...

09711527 **Image available**
**PRODUCT RECOMMENDATION SYSTEM BASED ON WEB CHAT OBSERVATION**

**Image available**
## PRODUCT RECOMMENDATION SYSTEM BASED ON WEB CHAT OBSERVATION


**International Patent Class (v8 + Attributes)**
**IPC + Level Value Position Status Version Action Source Office:**
  **G06Q-0030/00**...

...JP
  **G06Q-0010/00**...

## ABSTRACT

PROBLEM TO BE SOLVED: To enable a system to recommend a **product
matching** a **user**'s **liking** while changing
**products** in accordance with conversation contents in real time by
assuming an installation to a shopping site on the **Internet**,
simplifying product search by the user, and enabling the user to chat with
his or her friend or a shop assistant providing products by using the
system.

SOLUTION: A **product** recommendation system 20 based on
**Web chat** observation updates **user**'s **liking**
information 11 by using the user's utterances, other person's utterance
information 7, and a word combination pattern 9 classified into a variety
of likings, retrieves a **product** suited to the **user**'s
**liking** from a **product** database 13, and recommends it while
performing morphological analysis 5 of respective utterances in the...

...2. Thus, products to be recommended can be changed in real time while
grasping the **user**'s **likings** at all times.

**Dialog eLink:** Order File History
16/3,K/52 (Item 52 from file: 350)
DIALOG(R)File 350: Derwent WPIX
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0009168485 *Drawing available*
WPI Acc no: 1999-091395/199908
XRPX Acc No: N1999-067341
**Information access from online information source to suit user specified priorities - cross checks
graded attributes within information provider specific to user selected identifier and priority,**

**matching release of information as per automatically regraded attributes**
Patent Assignee: NIPPON TELEGRAPH & TELEPHONE CORP (NITE)
Inventor: AKASHI O; KIKKO H; KITTAKA H; SATO N; SATOH N; SONEOKA A; SONEOKA T; SUZUKI H

Priority Applications (no., kind, date): JP 199777694 A 19970328; JP 199816179 A 19980128

**Information access from online information source to suit user specified priorities... ...cross checks graded attributes within information provider specific to user selected identifier and priority, matching release of information as per automatically regraded attributes ...Original Titles:On-line** information providing scheme featuring function to dynamically account for **user's interest. Alerting Abstract** ...information access from the information provider (1) to the information user (3) is through a **network** type link (2). The information provider has preservation, selection and presentation submodules (11-13) that... ...The user priorities are held within the presentation submodule of **user interests** (32) and these priorities determine the pattern of information transfer from the information provider. As and when such priorities get redefined, the selective presentation of such information to **match user interests** is achieved by automatic regradation of such information attributes held within the information provider...

**Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date
**G06F-0017/30... ...G06Q-0010/00... ...G06Q-0030/00... ...G06Q-0040/00... ...G06Q-0050/00 G06F-0017/30... ...G06Q-0010/00... ...G06Q-0030/00... ...G06Q-0040/00... ...G06Q-0050/00**

**Original Abstracts:**An **on-line** information providing **scheme capable** of dynamically accounting for **user's interest** with **respect** to **information** and providing appropriate information presentation according to the **user's interest**. An **information** provider **device** updates the information **attribute** value of the specified information and a user attribute value of the user by reflecting... ... value and the user attribute value with each other so as to dynamically update the **user's interest** and **an** information **characteristic** of the specified information, and selects a first set of information according to the **user's interest** by **matching** an **updated user attribute** value with the information attribute value of each information, and a second set of information according to the **user's interest** by **matching** an **updated** information **attribute** value of the specified information with the information attribute value of each other information. The... **Claims:**A method for providing information **on-line between an** information user device located at a user side and an information provider device located at an information provider side which is connected with the information user device through a **network**, the **method** comprising the steps of:storing an information attribute value that indicates an information characteristic of... ... provider device in a case where a user makes an access through the information user **device** to the specific information **selected out** of a **list** of **information** presented by the information provider;updating the information attribute value of the specific information corresponding... ... ID of the specific information and a user attribute value of the user that indicates **a user's interest** with **respect** to information numerically **by** reflecting **the** information attribute value and the user attribute value with each other so as to dynamically update the **user's interest** and an information characteristic of **the** specific **information**, upon receiving the information ID of the specific information at the information provider device;selecting a first set of information according **to the user's interest** by **matching** an updated user attributed value **with** the **information** attribute **value** of each information at the information provider device, and a second set of information according to the **user's interest** by

**matching** an updated information attribute value **of** the **specific** information **with** the information attribute value of each other information at the information provider device;transmitting the...

13/3,K/27 (Item 1 from file: 471)
DIALOG(R)File 471: New York Times Fulltext
(c) 2009 The New York Times. All rights reserved.

03943229 **NYT Sequence Number: 052558991021 (USE FORMAT 7 FOR FULLTEXT)**
**NEWS WATCH; Sony Has a Free (and Secret) Fix For Out-of-Sync DVD Players**
ROY FURCHGOTT
New York Times , Late Edition - Final ED , Col 03 , p 3
Thursday October 21 1999
**Document Type:** Newspaper **Language:** English
**Record Type:** Fulltext **Section Heading:** SECTG
**Word Count:** 338
**NYT Sequence Number: (USE FORMAT 7 FOR FULLTEXT)**

**Text:**

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...in some DVD players by several major manufacturers. The problem appears
to affect some Sony **products** in particular. DVD owners in
**chat rooms** on **consumer** Web sites **like** Deja.com
say that dialogue occasionally lags behind an actor's lip movements, which
leaves...

13/3,K/38 (Item 1 from file: 640)
DIALOG(R)File 640: San Francisco Chronicle
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10131070

**NBC LINKS UP WITH XOOM, SNAP TO FORM NEW NET FIRM**

San Francisco Chronicle ( SF ) - TUESDAY, May 11, 1999
**By:** Deborah Solomon, Chronicle Staff Writer

**Edition:** FINAL **Section:** BUSINESS **Page:** C1
**Word Count:** 832

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...means that they will only have to go to one place -- Snap.com -- on the
**Web** to search, **chat** with **users** of **like**
**interest, e- mail** . . . and purchase **products,**"
said Marty Yudkovitz, president of NBC Interactive.

If the merged entity passes regulatory hurdles, NBCi...

B. Additional Resources Searched

[Insert]

## II. Inventor Search Results from Dialog

```
File   20:Dialog Global Reporter 1997-2009/Oct 13
         (c) 2009 Dialog
File   15:ABI/Inform(R) 1971-2009/Oct 13
         (c) 2009 ProQuest Info&Learning
File  610:Business Wire 1999-2009/Oct 14
         (c) 2009 Business Wire.
File  810:Business Wire 1986-1999/Feb 28
         (c) 1999 Business Wire
File  613:PR Newswire 1999-2009/Oct 14
         (c) 2009 PR Newswire Association Inc
File  813:PR Newswire 1987-1999/Apr 30
         (c) 1999 PR Newswire Association Inc
File  634:San Jose Mercury  Jun 1985-2009/Oct 08
         (c) 2009 San Jose Mercury News
File  624:McGraw-Hill Publications 1985-2009/Oct 13
         (c) 2009 McGraw-Hill Co. Inc
File    9:Business & Industry(R) Jul/1994-2009/Oct 14
         (c) 2009 Gale/Cengage
File  275:Gale Group Computer DB(TM) 1983-2009/Sep 14
         (c) 2009 Gale/Cengage
File  621:Gale Group New Prod.Annou.(R) 1985-2009/Sep 04
         (c) 2009 Gale/Cengage
File  636:Gale Group Newsletter DB(TM) 1987-2009/Sep 18
         (c) 2009 Gale/Cengage
File   16:Gale Group PROMT(R) 1990-2009/Sep 18
         (c) 2009 Gale/Cengage
File  160:Gale Group PROMT(R) 1972-1989
         (c) 1999 The Gale Group
File  148:Gale Group Trade & Industry DB 1976-2009/Sep 24
         (c) 2009 Gale/Cengage
File  471:New York Times Fulltext 1980-2009/Oct 13
         (c) 2009 The New York Times
File  570:Gale Group MARS(R) 1984-2009/Sep 18
         (c) 2009 Gale/Cengage
File  635:Business Dateline(R) 1985-2009/Oct 13
         (c) 2009 ProQuest Info&Learning
File  387:The Denver Post 1994-2009/Oct 13
         (c) 2009 Denver Post
File  492:Arizona Repub/Phoenix Gaz 19862002/Jan 06
         (c) 2002 Phoenix Newspapers
File  494:St LouisPost-Dispatch 1988-2009/Jun 19
         (c) 2009 St Louis Post-Dispatch
File  631:Boston Globe 1980-2009/Oct 14
         (c) 2009 Boston Globe
File  633:Phil.Inquirer 1983-2009/Oct 14
         (c) 2009 Philadelphia Newspapers Inc
File  638:Newsday/New York Newsday 1987-2009/Oct 14
         (c) 2009 Newsday Inc.
File  640:San Francisco Chronicle 1988-2009/Oct 11
         (c) 2009 Chronicle Publ. Co.
File  641:Rocky Mountain News Jun 1989-2009/Jan 16
         (c) 2009 Scripps Howard News
File  702:Miami Herald 1983-2009/Oct 14
         (c) 2009 The Miami Herald Publishing Co.
File  703:USA Today 1989-2009/Oct 13
         (c) 2009 USA Today
```

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File 704:(Portland)The Oregonian 1989-2009/Oct 13
        (c) 2009 The Oregonian
File 713:Atlanta J/Const. 1989-2009/Mar 08
        (c) 2009 Atlanta Newspapers
File 714:(Baltimore) The Sun 1990-2009/Oct 11
        (c) 2009 Baltimore Sun
File 715:Christian Sci.Mon. 1989-2009/Oct 05
        (c) 2009 Christian Science Monitor
File 725:(Cleveland)Plain Dealer Aug 1991-2009/Oct 13
        (c) 2009 The Plain Dealer
File 735:St. Petersburg Times 1989- 2009/Oct 11
        (c) 2009 St. Petersburg Times
File 477:Irish Times 1999-2009/Oct 14
        (c) 2009 Irish Times
File 710:Times/Sun.Times(London) Jun 1988-2009/Oct 12
        (c) 2009 Times Newspapers
File 711:Independent(London) Sep 1988-2006/Dec 12
        (c) 2006 Newspaper Publ. PLC
File 756:Daily/Sunday Telegraph 2000-2009/Oct 14
        (c) 2009 Telegraph Group
File 757:Mirror Publications/Independent Newspapers 2000-2009/Oct 14
        (c) 2009


Set     Items    Description
S1         21    AU=(MATSUI, K? OR MATSUI K? OR MATSUI(2N)K?)
S2          5    AU=(NISHIYAMA, S? OR NISHIYAMA S? OR NISHIYAMA(2N)S?)
S3          2    AU=(KOHDA, Y? OR KOHDA Y? OR KOHDA(2N)Y?)
S4          0    S1 AND S2 AND S3


File   2:INSPEC 1898-2009/Oct W1
        (c) 2009 The IET
File  35:Dissertation Abs Online 1861-2009/Sep
        (c) 2009 ProQuest Info&Learning
File  65:Inside Conferences 1993-2009/Oct 13
        (c) 2009 BLDSC all rts. reserv.
File  99:Wilson Appl. Sci & Tech Abs 1983-2009/Sep
        (c) 2009 The HW Wilson Co.
File 474:New York Times Abs 1969-2009/Oct 14
        (c) 2009 The New York Times
File 475:Wall Street Journal Abs 1973-2009/Oct 14
        (c) 2009 The New York Times
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
        (c) 2002 Gale/Cengage
File 256:TecTrends 1982-2009/Oct W2
        (c) 2009 Info.Sources Inc. All rights res.
File  23:CSA Technology Research Database 1963-2009/Sep
        (c) 2009 CSA.
File   7:Social SciSearch(R) 1972-2009/Oct W1
        (c) 2009 The Thomson Corp
File  34:SciSearch(R) Cited Ref Sci 1990-2009/Oct W1
        (c) 2009 The Thomson Corp
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
        (c) 2006 The Thomson Corp


Set     Items    Description
S1       4072    AU=(MATSUI, K? OR MATSUI K? OR MATSUI(2N)K?)
S2       1808    AU=(NISHIYAMA, S? OR NISHIYAMA S? OR NISHIYAMA(2N)S?)
```

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S3        229   AU=(KOHDA, Y? OR KOHDA Y? OR KOHDA(2N)Y?)
S4          0   S1 AND S2 AND S3



File 348:EUROPEAN PATENTS 1978-200941
        (c) 2009 European Patent Office
File 349:PCT FULLTEXT 1979-2009/UB=20091008|UT=20091001
        (c) 2009 WIPO/Thomson
File 324:GERMAN PATENTS FULLTEXT 1967-200941
        (c) 2009 UNIVENTIO/THOMSON



Set      Items   Description
S1        868   AU=(MATSUI, K? OR MATSUI K? OR MATSUI(2N)K?)
S2        232   AU=(NISHIYAMA, S? OR NISHIYAMA S? OR NISHIYAMA(2N)S?)
S3         23   AU=(KOHDA, Y? OR KOHDA Y? OR KOHDA(2N)Y?)
S4          0   S1 AND S2 AND S3



File 350:Derwent WPIX 1963-2009/UD=200965
        (c) 2009 Thomson Reuters
File 347:JAPIO Dec 1976-2009/Jun(Updated 090923)
        (c) 2009 JPO & JAPIO
File 344:Chinese Patents Abs Jan 1985-2006/Jan
        (c) 2006 European Patent Office



Set      Items   Description
S1      12114   AU=(MATSUI, K? OR MATSUI K? OR MATSUI(2N)K?)
S2       5038   AU=(NISHIYAMA, S? OR NISHIYAMA S? OR NISHIYAMA(2N)S?)
S3         56   AU=(KOHDA, Y? OR KOHDA Y? OR KOHDA(2N)Y?)
S4          2   S1 AND S2 AND S3
```

## III. Text Search Results from Dialog

### A. Patent Files, Abstract

```
File 350:Derwent WPIX 1963-2009/UD=200965
        (c) 2009 Thomson Reuters
File 347:JAPIO Dec 1976-2009/Jun(Updated 090923)
        (c) 2009 JPO & JAPIO
File 344:Chinese Patents Abs Jan 1985-2006/Jan
        (c) 2006 European Patent Office
```

? **ds**

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Set      Items    Description
S1     381586   (CONSUMER? ? OR SHOPPER? ? OR PURCHASER? ? OR BUYER? ? OR USER? ? OR
 CLIENT? ? OR SUBSCRIBER? ? OR RECIPIENT? ? OR PATRON? ? OR VISITOR? ? OR INDIVIDUAL? ?
 OR MEMBER? ? OR CUSTOMER? ? OR PERSON? ? OR PEOPLE? ?)(3N)(PREFERENCE? ? OR INTEREST??
 OR RESPONS? OR ATTITUDE? ? OR TASTE? ? OR LIKE? ? OR LIKING? ? OR INCLINATION? ? OR
 CHOICE? ? OR SELECT????? OR AFFINIT??? OR FAVOR???? OR TENDENC??? OR DESIRE? ? OR
 RATING? OR RATE? ?)

S2     46097    S1(8N)(CHATROOM? ? OR CHAT?()ROOM?? OR VIRTUAL?? OR IRC? ? OR LISTSERV?
 OR LIST OR LISTS OR CHAT OR CHATS OR CHATTING OR BOARD? ? OR NEWSGROUP? ? OR USENET? OR
 FORUM? ?  OR MEET??? OR GROUP? ? OR AIM? ? OR MESSAG??? OR TEXT? ? OR TEXTING OR
 EMAIL??? OR E()MAIL??? OR ELECTRONIC?()MAIL???)

S3      8010    S2(8N)(PRODUCT? ? OR MERCHANDISE OR ITEM? ? OR GOOD? ? OR SUPPL??? OR
 STOCK? ? OR ORDER??? OR MATERIAL? ? OR PRODUCTION? OR COMMODIT??? OR DEVICE? ?)

S4     94902    S1(8N)(SIMILAR?? OR ALIKE?? OR CORRESPOND??? OR COMPAR? OR EQUIVALENT??
 OR LIKE?? OR UNIFORM??? OR MATCH??? OR COINCID??? OR COMPATIBL? OR AGREE? OR COMMON?? OR
 EQUAL?? OR SAME? ? OR IDENTICAL?? OR PARALLEL???)

S5     70443    S1(8N)(PRODUCT? ? OR MERCHANDISE OR ITEM? ? OR GOOD? ? OR SUPPL??? OR
 STOCK? ? OR ORDER??? OR MATERIAL? ? OR PRODUCTION? OR COMMODIT??? OR DEVICE? ?)

S6      6736    (CHATROOM? ? OR CHAT?()ROOM? ? OR VIRTUAL?? OR LIST OR LISTS OR IRC? ? OR
 CHAT??? OR LISTSERV? ?)(3N)(CONSUMER? ? OR SHOPPER? ? OR PURCHASER? ? OR BUYER? ? OR
 USER? ? OR INDIVIDUAL?? OR CUSTOMER? ?)(3N)(PREFERENCE? ? OR ATTITUDE? ? OR LIKE? ? OR
 LIKING? ? OR SELECT????? OR AFFINIT??? OR FAVOR???? OR TENDENC??? OR DESIRE? ? OR
 RATING? OR RATE? ?)

S7     46097    S1 AND S2
S8      8010    S7 AND S3
S9      1639    S8 AND S4
S10     1490    S9 AND S5
S11      392    S10 AND S6
S12      140    S11 NOT AY>2001
S13      140    IDPAT (sorted in duplicate/non-duplicate order)
S14      139    IDPAT (primary/non-duplicate records only)
S15      114    S14 AND IC=(G06Q OR G06F OR G07G)
S16       61    S15 AND (NETWORK??? OR ONLINE? ? OR ON()LINE? ? OR INTERNET? ? OR
 EXTRANET? ? OR WEB? ? OR WWW? ? OR WORLD()WIDE()WEB? ? OR WEBSITE? ? OR WEB()SITE? ? OR
 WEBPAGE? ? OR WEB()PAGE? ? OR NET OR NETS OR PORTAL? ?)
```

**Dialog eLink:** Order File History
16/3,K/10 (Item 10 from file: 350)
DIALOG(R)File 350: Derwent WPIX

0013282846 *Drawing available*
WPI Acc no: 2003-369203/200335
**System for consulting with desired specialist using instant messenger and method thereof**
Patent Assignee: INNOVAY INC (INNO-N)
Inventor: OH B H

Priority Applications (no., kind, date): KR 200140070 A 20010705

**Alerting Abstract** ...for using basic information and detailed contents by an instant messenger through the wireless/wire **Internet**. ...supplies a registered specialist list according to consultation fields. The user searches the consultation fields, **selects** a detailed **item**, and receives a specialist **list** of a **desired** field(S614). The **user** who received the specialist **list** selects a **corresponding** specialist and uses a consultation service(S616). **Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date **G06F-0017/00... G06F-0017/00...**

**Dialog eLink:** Order File History
16/3,K/40 (Item 40 from file: 350)
DIALOG(R)File 350: Derwent WPIX

0010329852 *Drawing available*
WPI Acc no: 2000-644692/200062
XRPX Acc No: N2003-631937
**Items e.g. e-mail recommending system, has numerical rating to represent predicted extent of users preference for item recommended and manager to adjust influential power of recommended agent according to predicted score**
Patent Assignee: EYE WINGS JH (EYEW-N); IWINGZ CO LTD (IWIN-N); PYO S G (PYOS-I)
Inventor: PYO S; PYO S G

Priority Applications (no., kind, date): KR 199929483 A 19990721

**Items e.g. e-mail recommending system, has numerical rating to represent predicted extent of users preference for item recommended and manager to adjust influential power of recommended agent according to predicted score Alerting Abstract** ...items for a user (61) and a numerical rating that represents predicted extent of each **users preference** for an **item** recommended. A profile holds basic information on each user and influential power information of each... ...ADVANTAGE - The system individually serves users with electronic contents including electronic commerce and **Internet**

services using an automatic filtering technique. The system recommends interesting items to each user such... **Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date **G06F-017/18** Main **G06Q-0030/00**... **G06Q-0030/00**... Original Publication Data by AuthorityArgentina**Publication No. Original Abstracts:** A system of software components is constructed which includes multiple recommendation agents, each having: a **list** of recommended **items for** each **user; a** numerical predicted **rating** representing the predicted **extent** of each **user's preference** for **the item recommended** and numerical **value** information representing confidence; and a user profile for holding basic information on each user and influential power information of each recommendation agent with respect to each user. A recommendation manager **is** constructed to: **select** one or more recommendation agents using the basic user information and the influential power information... ... predicted score and the belief provided by each recommendation agent, and the extent of a **user's** actual **preference for** the recommendation. ...**Claims:**recommendation agents providing: (i) a list of recommended items for each of a plurality of **users, (ii)** a predicted score of **rating** that is numerical value information predicted about an extent of each **user's preference** for the **item** recommended by each **corresponding** recommendation agent, and (iii) a **belief** that is **numerical** value information representing **confidence** of said each corresponding recommendation agent in its predicted score; (b) computer code for establishing... ... to each user received from said user agent, (ii) generating a final list of recommended **items** from the **list** of recommended **items** suggested **by** the **selected** recommendation **agent** or agents using the basic information and **the** influential power **of** each recommendation **agent** received from **said user** agent, and (iii) adjusting the influential power of each recommendation agent according to the predicted score and the belief provided by each recommendation agent, and the extent of a **user's** actual **preference** for the recommendation.

**Dialog eLink:** Order File History
16/3,K/41 (Item 41 from file: 350)
DIALOG(R)File 350: Derwent WPIX

0010296950 *Drawing available*
WPI Acc no: 2000-610532/200058
XRPX Acc No: N2000-452046
**Automatic recommendation service population method involves adding book matching category and associated rated item to database when quantity of rated titles recorded in repository reaches specific preference level**
Patent Assignee: AMAZONCOM INC (AMAZ-N)
Inventor: BENSON E A; JACOBI J A

Priority Applications (no., kind, date): US 199840171 A 19980317

**Alerting Abstract** ...NOVELTY - A user is provided with option to **rate** book titles. If **user rates** the book title that falls within any book **matcher** category, then title is added to database (54), else the associated **user rating** is recorded in repository without adding title to database. When quantity of rated titles recorded... ...USE - For automatically filling up the collaborative filtering service category with

new **products** and categories for efficiently collecting **rating** data from **individual users**. In **internet** E-commerce for **online** merchants to provide automatic service for recommending products or service to potential customers... ...with manually obtaining and entering rating data for constantly changing catalogs are eliminated. Because the **items** on the startup **list** have popularity **rating**, the new **user** will be able to rate the service **items** easily. As the startup **list** is filtered based on category **preference** information specified by **user**, new user will be more familiar with the presented items. To increase effectiveness of this... ...DESCRIPTION OF DRAWINGS - The figure shows the **web site** used to implement a recommendation service... **Class Codes** International Patent Classification IPC Class Level Scope Position Status Version Date **G06Q-0030/00**... **G06Q-0030/00**... Original Publication Data by Authority**ArgentinaPublication No. ...Original Abstracts:**service is disclosed which uses collaborative filtering techniques to recommend books to users of a **Web site**. The **Web site** includes a catalog of the various titles that can be purchased via the site. The... ...ratings data. To establish profiles for new users of the service, the service presents new **users** with a startup **list** of titles, and asks the new **users** to **rate** a certain number of titles on the **list**. To increase the likelihood that new users will be familiar with these titles, the service... ...**Claims:**service that uses collaborative filtering to recommend items to users from a set of service **items** within a set of service categories, comprising:providing users an option to rate items, including non-service-items and items in non-service-**categories;**when a user rates a non-service-item **that falls** within a service **category**, adding the non-service-**item** to the service;when a **user rates** a non-service-item that does **not fall** within any service **category**, recording the **item** and associated **user rating** in a repository **without** adding the **item to** the service; andwhen a quantity **of** rated **items** recorded within the repository for a non-service-category reaches a level that represents a...

## B.  Patent Files, Full-Text

```
File 348:EUROPEAN PATENTS 1978-200941
        (c) 2009 European Patent Office
File 349:PCT FULLTEXT 1979-2009/UB=20091008|UT=20091001
        (c) 2009 WIPO/Thomson
File 324:GERMAN PATENTS FULLTEXT 1967-200941
        (c) 2009 UNIVENTIO/THOMSON

? ds

Set     Items    Description
S1      505322   (CONSUMER? ? OR SHOPPER? ? OR PURCHASER? ? OR BUYER? ? OR USER? ? OR
 CLIENT? ? OR SUBSCRIBER? ? OR RECIPIENT? ? OR PATRON? ? OR VISITOR? ? OR INDIVIDUAL? ?
 OR MEMBER? ? OR CUSTOMER? ? OR PERSON? ? OR PEOPLE? ?)(3N)(PREFERENCE? ? OR INTEREST??
 OR RESPONS? OR ATTITUDE? ? OR TASTE? ? OR LIKE? ? OR LIKING? ? OR INCLINATION? ? OR
 CHOICE? ? OR SELECT????? OR AFFINIT??? OR FAVOR???? OR TENDENC??? OR DESIRE? ? OR
 RATING? OR RATE? ?)

S2       83733   S1(8N)(CHATROOM? ? OR CHAT?()ROOM?? OR VIRTUAL?? OR IRC? ? OR LISTSERV?
 OR LIST OR LISTS OR CHAT OR CHATS OR CHATTING OR BOARD? ? OR NEWSGROUP? ? OR USENET? OR
 FORUM? ?  OR MEET??? OR GROUP? ? OR AIM? ? OR MESSAG??? OR TEXT? ? OR TEXTING OR
 EMAIL??? OR E()MAIL??? OR ELECTRONIC?()MAIL???)
```

```
S3       16517   S2(8N)(PRODUCT? ? OR MERCHANDISE OR ITEM? ? OR GOOD? ? OR SUPPL??? OR
 STOCK? ? OR ORDER??? OR MATERIAL? ? OR PRODUCTION? OR COMMODIT??? OR DEVICE? ?)

S4      579666   (SERVER? ? OR NETWORK? ? OR HUB? ? OR COMPUTER? ? OR CPU? ? OR MAINFRAME?
 ? OR MAIN()FRAME? ? OR GATEWAY? ? OR HOST??? OR PROCESS?R? ? OR FILESERVER? ? OR
 WEBSERVER? ? OR SYSTEM? ?)(3N)(NETWORK??? OR ONLINE? ? OR ON()LINE? ? OR INTERNET? ? OR
 EXTRANET? ? OR WEB? ? OR WWW? ? OR WORLD()WIDE()WEB? ? OR WEBSITE? ? OR WEB()SITE? ? OR
 WEBPAGE? ? OR WEB()PAGE? ? OR NET OR NETS OR PORTAL? ?)

S5      180621   S1(8N)(SIMILAR?? OR ALIKE?? OR CORRESPOND??? OR COMPAR? OR EQUIVALENT??
 OR LIKE?? OR UNIFORM??? OR MATCH??? OR COINCID??? OR COMPATIBL? OR AGREE? OR COMMON?? OR
 EQUAL?? OR SAME? ? OR IDENTICAL?? OR PARALLEL???)

S6      111726   S1(8N)(PRODUCT? ? OR MERCHANDISE OR ITEM? ? OR GOOD? ? OR SUPPL??? OR
 STOCK? ? OR ORDER??? OR MATERIAL? ? OR PRODUCTION? OR COMMODIT??? OR DEVICE? ?)

S7       16331   (CHATROOM? ? OR CHAT?()ROOM? ? OR VIRTUAL?? OR LIST OR LISTS OR IRC? ? OR
 CHAT??? OR LISTSERV? ?)(3N)(CONSUMER? ? OR SHOPPER? ? OR PURCHASER? ? OR BUYER? ? OR
 USER? ? OR INDIVIDUAL?? OR CUSTOMER? ?)(3N)(PREFERENCE? ? OR ATTITUDE? ? OR LIKE? ? OR
 LIKING? ? OR SELECT????? OR AFFINIT??? OR FAVOR???? OR TENDENC??? OR DESIRE? ? OR
 RATING? OR RATE? ?)

S8       83733   S1(5N)S2
S9       16517   S8(5N)S3
S10       1786   S9(5N)S4
S11       1986   S9(10N)S4
S12        585   S11(5N)S5
S13        544   S12(5N)S6
S14        176   S13(3N)S7
S15         77   S14 NOT AY>2002
S16         60   S15 AND IC=(G06Q OR G06F)
S17         60   IDPAT (sorted in duplicate/non-duplicate order)
S18         60   IDPAT (primary/non-duplicate records only)
```

**Dialog eLink:** Order File History
18/3K/11 (Item 11 from file: 348)
DIALOG(R)File 348: EUROPEAN PATENTS

00809271

**Method and apparatus for item recommendation using automated collaborative filtering**
Verfahren und Apparat zum Empfehlen von Artikeln unter Verwendung einer automatischen
kollaborativen Filterung
Procede et appareil pour recommander des articles utilisant un filtrage collaboratif automatique

**Patent Assignee:**

- **MASSACHUSETTS INSTITUTE OF TECHNOLOGY**; (210190)
  77 Massachusetts Avenue; Cambridge, MA 02139; (US)
  (applicant designated states: AT;BE;CH;DE;DK;ES;FI;FR;GB;GR;IE;IT;LI;LU;MC;NL;PT;SE)

**Inventor:**

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  51 Regent Street; Cambridge, Massachusetts 02140; (US)
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- **Shardanand, Upendra**
  129 Franklin Street; Cambridge, Massachusetts 02139; (US)

**Legal Representative:**

- **Butler, Michael John (29061)**
  Frank B. Dehn & Co., European Patent Attorneys, 179 Queen Victoria Street; London EC4V 4EL; (GB)

|  | Country | Number | Kind | Date |  |
|---|---|---|---|---|---|
| Patent | EP | 751471 | A1 | 19970102 | (Basic) |
| Application | EP | 96304536 |  | 19960618 |  |
| Priorities | US | 598 |  | 19950630 |  |
|  | US | 8458 |  | 19951211 |  |
|  | US | 597442 |  | 19960202 |  |

**International Patent Class (V7): G06F-017/60; ; ; G06F-017/60Abstract Word Count: 125**

**Specification:** ...items. A set of similarity factors for each user is calculated, representing the degree of **agreement** in item ratings between users within different groups. Neighboring users are selected within each group...The similarity factor can also be used to recommend a music item outside of the **group**, if one of the **users** has **rated** an **item** in another **group**. Alternatively, a **user** may **select** a **group**, and a recommendation **list** will be generated based on the predicted **rating** for the **user**'s neighboring users in that **group**.

Whether or not grouping is used, a user or set or users may be recommended...

## IV. <u>Text Search Results from Dialog</u>

### A. NPL Files, Abstract

```
File   2:INSPEC 1898-2009/Oct W1
        (c) 2009 The IET
File  35:Dissertation Abs Online 1861-2009/Sep
        (c) 2009 ProQuest Info&Learning
File  65:Inside Conferences 1993-2009/Oct 12
        (c) 2009 BLDSC all rts. reserv.
File  99:Wilson Appl. Sci & Tech Abs 1983-2009/Sep
        (c) 2009 The HW Wilson Co.
File 474:New York Times Abs 1969-2009/Oct 13
        (c) 2009 The New York Times
File 475:Wall Street Journal Abs 1973-2009/Oct 13
        (c) 2009 The New York Times
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
        (c) 2002 Gale/Cengage
File 256:TecTrends 1982-2009/Oct W2
        (c) 2009 Info.Sources Inc. All rights res.
File  23:CSA Technology Research Database 1963-2009/Sep
        (c) 2009 CSA.
File   7:Social SciSearch(R) 1972-2009/Oct W1
        (c) 2009 The Thomson Corp
File  34:SciSearch(R) Cited Ref Sci 1990-2009/Oct W1
        (c) 2009 The Thomson Corp
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
        (c) 2006 The Thomson Corp
```

**?ds**

```
Set     Items    Description
S1      301074   (CONSUMER? ? OR SHOPPER? ? OR PURCHASER? ? OR BUYER? ? OR USER? ? OR
 CLIENT? ? OR SUBSCRIBER? ? OR RECIPIENT? ? OR PATRON? ? OR VISITOR? ? OR INDIVIDUAL? ?
 OR MEMBER? ? OR CUSTOMER? ? OR PERSON? ? OR PEOPLE? ?)(3N)(PREFERENCE? ? OR INTEREST??
 OR RESPONS? OR ATTITUDE? ? OR TASTE? ? OR LIKE? ? OR LIKING? ? OR INCLINATION? ? OR
 CHOICE? ? OR SELECT????? OR AFFINIT??? OR FAVOR???? OR TENDENC??? OR DESIRE? ? OR
 RATING? OR RATE? ?)

S2       22056   S1(8N)(CHATROOM? ? OR CHAT?()ROOM?? OR VIRTUAL?? OR IRC? ? OR LISTSERV?
 OR LIST OR LISTS OR CHAT OR CHATS OR CHATTING OR BOARD? ? OR NEWSGROUP? ? OR USENET? OR
 FORUM? ?  OR MEET??? OR GROUP? ? OR AIM? ? OR MESSAG??? OR TEXT? ? OR TEXTING OR
 EMAIL??? OR E()MAIL??? OR ELECTRONIC?()MAIL???)

S3        1783   S2(8N)(PRODUCT? ? OR MERCHANDISE OR ITEM? ? OR GOOD? ? OR SUPPL??? OR
 STOCK? ? OR ORDER??? OR MATERIAL? ? OR PRODUCTION? OR COMMODIT??? OR DEVICE? ?)

S4       43196   S1(8N)(SIMILAR?? OR ALIKE?? OR CORRESPOND??? OR COMPAR? OR EQUIVALENT??
 OR LIKE?? OR UNIFORM??? OR MATCH??? OR COINCID??? OR COMPATIBL? OR AGREE? OR COMMON?? OR
 EQUAL?? OR SAME? ? OR IDENTICAL?? OR PARALLEL???)

S5       27002   S1(8N)(PRODUCT? ? OR MERCHANDISE OR ITEM? ? OR GOOD? ? OR SUPPL??? OR
 STOCK? ? OR ORDER??? OR MATERIAL? ? OR PRODUCTION? OR COMMODIT??? OR DEVICE? ?)

S6        1044   (CHATROOM? ? OR CHAT?()ROOM? ? OR VIRTUAL?? OR LIST OR LISTS OR IRC? ? OR
 CHAT??? OR LISTSERV? ?)(3N)(CONSUMER? ? OR SHOPPER? ? OR PURCHASER? ? OR BUYER? ? OR
```

```
USER? ? OR INDIVIDUAL?? OR CUSTOMER? ?)(3N)(PREFERENCE? ? OR ATTITUDE? ? OR LIKE? ? OR
LIKING? ? OR SELECT????? OR AFFINIT??? OR FAVOR???? OR TENDENC??? OR DESIRE? ? OR
RATING? OR RATE? ?)

S7      22056   S1 AND S2
S8       1783   S7 AND S3
S9        272   S8 AND S4
S10       237   S9 AND S5
S11        24   S10 AND S6
S12         7   S11 NOT PY>2001
S13       792   S1 AND S6
S14       758   S13 AND S2
S15       106   S14 AND S3
S16        25   S15 AND S4
S17        25   S11 OR S12 OR S16
S18        22   RD  (unique items)
S19         6   S18 NOT PY>2001
```
**? t s19/3,k/all**


## B. NPL Files, Full-text


```
File  20:Dialog Global Reporter 1997-2009/Oct 13
        (c) 2009 Dialog
File  15:ABI/Inform(R) 1971-2009/Oct 12
        (c) 2009 ProQuest Info&Learning
File 610:Business Wire 1999-2009/Oct 13
        (c) 2009 Business Wire.
File 810:Business Wire 1986-1999/Feb 28
        (c) 1999 Business Wire
File 613:PR Newswire 1999-2009/Oct 13
        (c) 2009 PR Newswire Association Inc
File 813:PR Newswire 1987-1999/Apr 30
        (c) 1999 PR Newswire Association Inc
File 634:San Jose Mercury  Jun 1985-2009/Oct 08
        (c) 2009 San Jose Mercury News
File 624:McGraw-Hill Publications 1985-2009/Oct 13
        (c) 2009 McGraw-Hill Co. Inc
File   9:Business & Industry(R) Jul/1994-2009/Oct 12
        (c) 2009 Gale/Cengage
File 275:Gale Group Computer DB(TM) 1983-2009/Sep 11
        (c) 2009 Gale/Cengage
File 621:Gale Group New Prod.Annou.(R) 1985-2009/Sep 03
        (c) 2009 Gale/Cengage
```

**? ds**


```
Set      Items   Description
S1    4203019   (CONSUMER? ? OR SHOPPER? ? OR PURCHASER? ? OR BUYER? ? OR USER? ? OR
 CLIENT? ? OR SUBSCRIBER? ? OR RECIPIENT? ? OR PATRON? ? OR VISITOR? ? OR INDIVIDUAL? ?
 OR MEMBER? ? OR CUSTOMER? ? OR PERSON? ? OR PEOPLE? ?)(3N)(PREFERENCE? ? OR INTEREST??
 OR RESPONS? OR ATTITUDE? ? OR TASTE? ? OR LIKE? ? OR LIKING? ? OR INCLINATION? ? OR
 CHOICE? ? OR SELECT????? OR AFFINIT??? OR FAVOR???? OR TENDENC??? OR DESIRE? ? OR
 RATING? OR RATE? ?)

S2     315439   S1(8N)(CHATROOM? ? OR CHAT?()ROOM?? OR VIRTUAL?? OR IRC? ? OR LISTSERV?
 OR LIST OR LISTS OR CHAT OR CHATS OR CHATTING OR BOARD? ? OR NEWSGROUP? ? OR USENET? OR
```

```
FORUM? ?  OR MEET??? OR GROUP? ? OR AIM? ? OR MESSAG??? OR TEXT? ? OR TEXTING OR
EMAIL??? OR E()MAIL??? OR ELECTRONIC?()MAIL???)

S3     34938   S2(8N)(PRODUCT? ? OR MERCHANDISE OR ITEM? ? OR GOOD? ? OR SUPPL??? OR
STOCK? ? OR ORDER??? OR MATERIAL? ? OR PRODUCTION? OR COMMODIT??? OR DEVICE? ?)

S4   10334577   (SERVER? ? OR NETWORK? ? OR HUB? ? OR COMPUTER? ? OR CPU? ? OR MAINFRAME?
? OR MAIN()FRAME? ? OR GATEWAY? ? OR HOST??? OR PROCESS?R? ? OR FILESERVER? ? OR
WEBSERVER? ? OR SYSTEM? ?)(5N)(NETWORK??? OR ONLINE? ? OR ON()LINE? ? OR INTERNET? ? OR
EXTRANET? ? OR WEB? ? OR WWW? ? OR WORLD()WIDE()WEB? ? OR WEBSITE? ? OR WEB()SITE? ? OR
WEBPAGE? ? OR WEB()PAGE? ? OR NET OR NETS OR PORTAL? ?)

S5    1286510   S1(8N)(SIMILAR?? OR ALIKE?? OR CORRESPOND??? OR COMPAR? OR EQUIVALENT??
OR LIKE?? OR UNIFORM??? OR MATCH??? OR COINCID??? OR COMPATIBL? OR AGREE? OR COMMON?? OR
EQUAL?? OR SAME? ? OR IDENTICAL?? OR PARALLEL???)

S6     498836   S1(8N)(PRODUCT? ? OR MERCHANDISE OR ITEM? ? OR GOOD? ? OR SUPPL??? OR
STOCK? ? OR ORDER??? OR MATERIAL? ? OR PRODUCTION? OR COMMODIT??? OR DEVICE? ?)

S7     17641   (CHATROOM? ? OR CHAT?()ROOM? ? OR VIRTUAL?? OR LIST OR LISTS OR IRC? ? OR
CHAT??? OR LISTSERV? ?)(3N)(CONSUMER? ? OR SHOPPER? ? OR PURCHASER? ? OR BUYER? ? OR
USER? ? OR INDIVIDUAL?? OR CUSTOMER? ?)(3N)(PREFERENCE? ? OR ATTITUDE? ? OR LIKE? ? OR
LIKING? ? OR SELECT????? OR AFFINIT??? OR FAVOR???? OR TENDENC??? OR DESIRE? ? OR
RATING? OR RATE? ?)

S8      315439   S1(5N)S2
S9       34938   S8(5N)S3
S10        749   S9(5N)S4
S11       1158   S9(10N)S4
S12        242   S11(5N)S5
S13        221   S12(5N)S6
S14         20   S13(5N)S7
S15         20   S13(10N)S7
S16         22   S13(F)S7
S17      12467   S1(5N)S7
S18      12393   S17(5N)S2
S19       2762   S18(5N)S3
S20       2763   S18(10N)S3
S21         39   S20(5N)S4
S22         52   S10(5N)S7
S23         61   S14 OR S15 OR S16 OR S21 OR S22
S24         27   S23 NOT PY>2001
S25         23   RD  (unique items)
? t s25/3,k/all
```

25/3,K/4 (Item 1 from file: 15)
DIALOG(R)File 15: ABI/Inform(R)

02563272        268209621
**Consumer interaction in the virtual era: Some qualitative insights**

Evans, Martin; Wedande, Gamini; Ralston, Lisa; van 't Hul, Selma
Qualitative Market Research   v4n3  pp: 150
2001

**Text:**
Keywords

Internet, Consumer behaviour, Direct marketing

Abstract

Focuses on the exploration of **consumer** experience and
**attitudes** towards online interaction within **virtual**
communities. One of the emerging e-commerce business models, the consumer
to consumer "community" model...However, as previously mentioned the
current paper reports on the qualitative research and findings. In
**order** to glean indepth and rich detail about people's attitudes
towards virtual communities within a...a good idea for companies to provide
virtual communities on their Websites. Many of these **people** would
**like** to use a **virtual** community to communicate with the
company itself.

However, many of the respondents within our research...from other
activities (this has implications for companies to "add value" to their
sites in **order** for the **virtual** communities to be seen as a
positive **choice** and pursuit).

**Individuals** using **virtual** communities primarily communicate
with friends, work colleagues and with people who have the same interests

25/3,K/5 (Item 2 from file: 15)
DIALOG(R)File 15: ABI/Inform(R)

01668674          03-19664
**Lists: The most important element in any mailing**

Dobkin, Jeffrey
**Text:**
...that again: In direct marketing the list is your market. In mailing to
the wrong **list**, you would reach people outside your market -- people

who have no interest in, or no...Is the unit of sale similar to your offer?
Can you select male or female **buyers**? Do they have a multiple buyers
**list**? (This is one of my **favorite** requests. There are
**people** who have made multiple purchases and may be considered very
mail responsive to product offers...the market for the very best names for
you to mail, especially for a small **list** order of test names. Other
brokers may have **favorite clients** they give all the business
to. Be careful.

If you are mailing to a neighborhood...by product

Personnel by title

Businesses by zip code

Businesses by type or industry
Magazine **subscribers** by **interest** or **group**

Credit card holders by balance and type of card

Computer owners by age, type of...

25/3,K/11 (Item 1 from file: 624)
DIALOG(R)File 624: McGraw-Hill Publications

01178608
A World of Haves and Have-Nots in IT:  Aviation Week
   and Computer Sciences survey offers insight into who's winning and
   who's losing among aerospace firms
MICHAEL MECHAM
Aviation Week & Space Technology, Vol. 154,
No. 25, Pg 214
June 18, 2001
JOURNAL CODE:  AW
SECTION HEADING:  PARIS 2001--INFORMATION TECHNOLOGY  ISSN:  0005-2175
WORD COUNT:  3,006

TEXT:

... or customers is a dying idea. Quietly, many A&D companies have been
setting up **virtual** private **networks** to reach **customers**
 and **select**  suppliers.  As CSC **supply** chain specialist Pete
Wiese  says,  exchanges and networks aren't going away. ``People are simply
...


## NPL Files, Full-text (Part II)


```
File 636:Gale Group Newsletter DB(TM) 1987-2009/Sep 17
         (c) 2009 Gale/Cengage
File  16:Gale Group PROMT(R) 1990-2009/Sep 17
         (c) 2009 Gale/Cengage
File 160:Gale Group PROMT(R) 1972-1989
         (c) 1999 The Gale Group
File 148:Gale Group Trade & Industry DB 1976-2009/Sep 24
         (c) 2009 Gale/Cengage
File 471:New York Times Fulltext 1980-2009/Oct 13
         (c) 2009 The New York Times
File 570:Gale Group MARS(R) 1984-2009/Sep 17
         (c) 2009 Gale/Cengage
File 635:Business Dateline(R) 1985-2009/Oct 13
         (c) 2009 ProQuest Info&Learning
File 387:The Denver Post 1994-2009/Oct 12
         (c) 2009 Denver Post
File 492:Arizona Repub/Phoenix Gaz 19862002/Jan 06
         (c) 2002 Phoenix Newspapers
File 494:St LouisPost-Dispatch 1988-2009/Jun 19
         (c) 2009 St Louis Post-Dispatch
File 631:Boston Globe 1980-2009/Oct 13
         (c) 2009 Boston Globe
File 633:Phil.Inquirer 1983-2009/Oct 13
         (c) 2009 Philadelphia Newspapers Inc
File 638:Newsday/New York Newsday 1987-2009/Oct 13
         (c) 2009 Newsday Inc.
File 640:San Francisco Chronicle 1988-2009/Oct 11
         (c) 2009 Chronicle Publ. Co.
File 641:Rocky Mountain News Jun 1989-2009/Jan 16
         (c) 2009 Scripps Howard News
File 702:Miami Herald 1983-2009/Oct 13
         (c) 2009 The Miami Herald Publishing Co.
File 703:USA Today 1989-2009/Oct 13
         (c) 2009 USA Today
File 704:(Portland)The Oregonian 1989-2009/Oct 12
         (c) 2009 The Oregonian
File 713:Atlanta J/Const. 1989-2009/Mar 08
         (c) 2009 Atlanta Newspapers
File 714:(Baltimore) The Sun 1990-2009/Oct 11
         (c) 2009 Baltimore Sun
File 715:Christian Sci.Mon. 1989-2009/Oct 05
         (c) 2009 Christian Science Monitor
File 725:(Cleveland)Plain Dealer Aug 1991-2009/Oct 12
         (c) 2009 The Plain Dealer
File 735:St. Petersburg Times 1989- 2009/Oct 11
```

Set      Items     Description
S1     3459817   (CONSUMER? ? OR SHOPPER? ? OR PURCHASER? ? OR BUYER? ? OR USER? ? OR
 CLIENT? ? OR SUBSCRIBER? ? OR RECIPIENT? ? OR PATRON? ? OR VISITOR? ? OR INDIVIDUAL? ?
 OR MEMBER? ? OR CUSTOMER? ? OR PERSON? ? OR PEOPLE? ?)(3N)(PREFERENCE? ? OR INTEREST??
 OR RESPONS? OR ATTITUDE? ? OR TASTE? ? OR LIKE? ? OR LIKING? ? OR INCLINATION? ? OR
 CHOICE? ? OR SELECT????? OR AFFINIT??? OR FAVOR???? OR TENDENC??? OR DESIRE? ? OR
 RATING? OR RATE? ?)

S2      263322   S1(8N)(CHATROOM? ? OR CHAT?()ROOM?? OR VIRTUAL?? OR IRC? ? OR LISTSERV?
 OR LIST OR LISTS OR CHAT OR CHATS OR CHATTING OR BOARD? ? OR NEWSGROUP? ? OR USENET? OR
 FORUM? ?  OR MEET??? OR GROUP? ? OR AIM? ? OR MESSAG??? OR TEXT? ? OR TEXTING OR
 EMAIL??? OR E()MAIL??? OR ELECTRONIC?()MAIL???)

S3       29166   S2(8N)(PRODUCT? ? OR MERCHANDISE OR ITEM? ? OR GOOD? ? OR SUPPL??? OR
 STOCK? ? OR ORDER??? OR MATERIAL? ? OR PRODUCTION? OR COMMODIT??? OR DEVICE? ?)

S4     1215002   S1(8N)(SIMILAR?? OR ALIKE?? OR CORRESPOND??? OR COMPAR? OR EQUIVALENT??
 OR LIKE?? OR UNIFORM??? OR MATCH??? OR COINCID??? OR COMPATIBL? OR AGREE? OR COMMON?? OR
 EQUAL?? OR SAME? ? OR IDENTICAL?? OR PARALLEL???)

S5      386754   S1(8N)(PRODUCT? ? OR MERCHANDISE OR ITEM? ? OR GOOD? ? OR SUPPL??? OR
 STOCK? ? OR ORDER??? OR MATERIAL? ? OR PRODUCTION? OR COMMODIT??? OR DEVICE? ?)

S6       16622   (CHATROOM? ? OR CHAT?()ROOM? ? OR VIRTUAL?? OR LIST OR LISTS OR IRC? ? OR
 CHAT??? OR LISTSERV? ?)(3N)(CONSUMER? ? OR SHOPPER? ? OR PURCHASER? ? OR BUYER? ? OR
 USER? ? OR INDIVIDUAL?? OR CUSTOMER? ?)(3N)(PREFERENCE? ? OR ATTITUDE? ? OR LIKE? ? OR
 LIKING? ? OR SELECT????? OR AFFINIT??? OR FAVOR???? OR TENDENC??? OR DESIRE? ? OR
 RATING? OR RATE? ?)

S7      263322   S1(5N)S2
S8       29166   S7(5N)S3
S9        7996   S8(5N)S4
S10       7173   S9(5N)S5
S11       3239   S10(5N)S6
S12         53   S11(5N)(NETWORK??? OR ONLINE? ? OR ON()LINE? ? OR INTERNET? ? OR
 EXTRANET? ? OR WEB? ? OR WWW? ? OR WORLD()WIDE()WEB? ? OR WEBSITE? ? OR WEB()SITE? ? OR
 WEBPAGE? ? OR WEB()PAGE? ? OR NET OR NETS OR PORTAL? ?)

S13         38   S12 NOT PY>2001

13/3,K/12 (Item 11 from file: 16)
DIALOG(R)File 16: Gale Group PROMT(R)

07473755   **Supplier Number:** 62789194 **(USE FORMAT 7 FOR FULLTEXT)**

**Prospero Technologies Joins Participate.com List of Partners.**
PR Newswire , p NA
June 19 , 2000
**Language:** English   **Record Type:** Fulltext
**Document Type:** Newswire ; Trade
**Word Count:** 592
-
...Warms, president and CEO of Participate.com. "We are adding companies
like Prospero to our **list** of partners in order to offer our
**customers** a **choice** of cutting-edge technologies. We see great
synergies between Participate.com and Prospero and look...

...audience, and to benefit from that interaction. Prospero's hosted
community platform includes interactive end- **user** tools **like**
feature-rich **message boards, chat** and polling to
optimize user loyalty and length of stay, and site-wide management controls
...

13/3,K/23 (Item 6 from file: 148)
DIALOG(R)File 148: Gale Group Trade & Industry DB

12238350   **Supplier Number:** 62789194 (USE FORMAT 7 OR 9 FOR FULL TEXT )
**Prospero Technologies Joins Participate.com List of Partners.**

PR Newswire , NA
June 19 , 2000
**Language:** English
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**Word Count:** 622   **Line Count:** 00060

...Warms, president and CEO of Participate.com. "We are adding companies
like Prospero to our **list** of partners in order to offer our
**customers** a **choice** of cutting-edge technologies. We see great
synergies between Participate.com and Prospero and look...

...audience, and to benefit from that interaction. Prospero's hosted
community platform includes interactive end- **user** tools **like**
feature-rich **message boards, chat** and polling to

optimize user loyalty and length of stay, and site-wide management controls
...

## V.  Additional Resources Searched

[Insert]